

## PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

To:

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PCT

WRITTEN OPINION OF THE INTERNATIONAL  
SEARCHING AUTHORITY(PCT Rule 43 *bis*.1)

Date of mailing

(day/month/year) 08 DEC 2005 (08.12.2005)

Applicant's or agent's file reference

ZL03828006

## FOR FURTHER ACTION

see paragraph 2 below

International application No.

PCT/CN2005/000975

International filing date (day/month/year)

04.Jul.2005 (04.07.2005)

Priority date (day/month/year)

28.Feb.2005 (28.02.2005)

International Patent Classification (IPC) or both national classification and IPC

IPC<sup>7</sup> E04F15/04

Applicant

LI, Yadong et al

## 1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion  
☐ Box No. II Priority  
☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability  
☐ Box No. IV Lack of unity of invention  
☒ Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement  
☐ Box No. VI Certain documents cited  
☐ Box No. VII Certain defects in the international application  
☐ Box No. VIII Certain observations on the international application

## 2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1*bis*(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

## 3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/CN  
The State Intellectual Property Office, the  
P.R.China 6 Xitucheng Rd., Jimen Bridge,  
Haidian District, Beijing, China 100088  
Facsimile No. 86-10-62019451

Date of completion of this opinion

10.Nov.2005(10.11.2005)

Authorized officer

CUI, Ruimei

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WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.  
PCT/CN2005/000975

Box No. I Basis of the opinion

1. With regard to the language, this opinion has been established on the basis of:

- ☒ the international application in the language in which it was filed  
☐ a translation of the international application into \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

- ☐ a sequence listing  
☐ table(s) related to the sequence listing

b. format of material

- ☐ on paper  
☐ in electronic form

c. time of filing/furnishing

- ☐ contained in the international application as filed  
☐ filed together with the international application in electronic form  
☐ furnished subsequently to this Authority for the purposes of search

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.  
PCT/CN2005/000975

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

1. Statement:

Novelty (N)	Claims 1-4	YES
	Claims	NO
Inventive step (IS)	Claims 1-4	YES
	Claims	NO
Industrial applicability (IA)	Claims 1-4	YES
	Claims	NO

2. Citations and explanations

Claims 1-4 meet the criteria set out in PCT Article 33(2)-(4).

The written opinion is based on the following documents:

D1-CN1328611A (ROY V et al), 26.Dec.2001

D2-CN2499486Y (ZHANG Haiding et al), 10.Jul.2002

D3-CN2585928Y (YANG Shu), 12.Nov.2003

D4- US2002017071 A1 (DEVIVI D C), 14.Feb.2002

D5- EP1273737A2 (PREMARK RWP HOLDINGS INC), 08.Jan.2003

D6- EP1213407A1 (POLIFACE COMPONENTES E SISTEMAS PARA MOB), 06.Dec.2002

Novelty:

All of the documents above are not disclose the floor splice bar of claims 1-3 and the assembled floor of claim 4 that formed by putting the said splice bars together, so the claims 1-4 meet the criteria set out in PCT Article 33(2).

Inventive step:

D1 is the immediate existing technology to the present invention, D1 discloses a floor splice bar comprising groove(spline) and rib(rabbit), but the angle A and B in which are different from the angle  $\alpha$  and  $\beta$  of the present invention, at the same time, the slope of the incline that is formed by the outside surface of the underside of the said groove is not equal to the angle A or B, so the floor splice bar of D1 is different from the splice bar of claims 1-3, and the assembled floor of D1 is different from the floor of claim 4, the claims 1-4 meet the criteria set out in PCT Article 33(3).

Industrial applicability:

The subject matter of claims 1-4 can be made or used in industry, so the claims 1-4 meet the criteria set out in PCT Article 33(4).